

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A system for remodeling a mitral valve annulus, comprising:
a delivery catheter;
an implant, detachably carried by the delivery catheter, the implant reversibly movable between a first flexible configuration for delivery to a site adjacent the annulus of the mitral valve and a second remodeling, rigid configuration for remodeling the mitral valve annulus, the implant including a guidewire lumen adapted to slideably engage a guidewire; and
wherein the delivery catheter is coupled to a proximal end of the implant, the catheter including a control mechanism for selectively adjusting the curvature of the implant in the second remodeling configuration~~a control on the catheter for reversibly transforming the implant between the first flexible configuration and the second remodeling configuration.~~
2. (Previously Presented) A system as in claim 1, wherein the implant comprises an arc when in the remodeling configuration.
3. (Previously Presented) A system as in claim 2, wherein a best fit constant radius curve corresponding to the arc has a radius within the range of from about 10 mm to about 20 mm.
- 4-5. (Canceled)

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6. (Previously Presented): A system as in claim 1, further comprising a coating on the implant.

7-11. (Canceled)

12. (Currently Amended) A system as in claim 1, further comprising a flexible member having a proximal end attached to the control mechanism and a distal end attached to a distal end portion of the implant, the flexible member being slidable for selectively adjusting the curvature of the implant.

13. (Currently Amended) A system ~~as in claim 12, further~~ for remodeling a mitral valve annulus, comprising:

_____ a delivery catheter;

_____ an implant, detachably carried by the delivery catheter, the implant reversibly movable between a first, flexible configuration for delivery to a site adjacent the annulus of the mitral valve and a second, rigid configuration for remodeling the mitral valve annulus, the implant including a guidewire lumen adapted to slideably engage a guidewire;

_____ a control on the catheter for reversibly transforming the implant between the first flexible configuration and the second remodeling configuration; and

_____ comprising a rotational coupler along a proximal end portion of the implant for applying tension to the flexible member to move the implant to the second, rigid configuration.

14. (Previously Presented) A system as in claim 13, wherein the control on the catheter is a thumbwheel for actuating the rotational coupler.